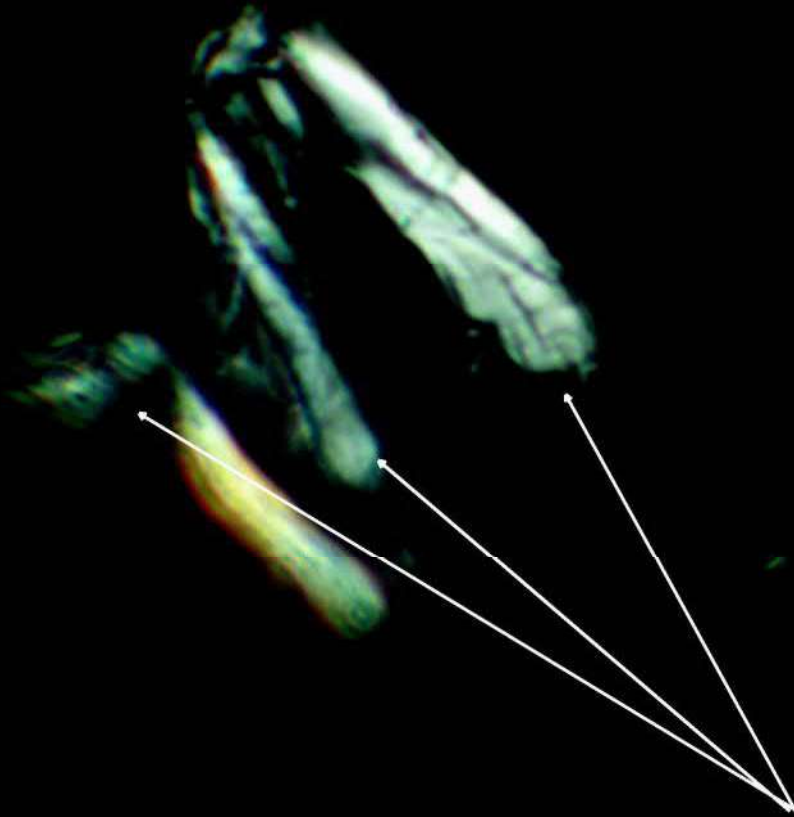


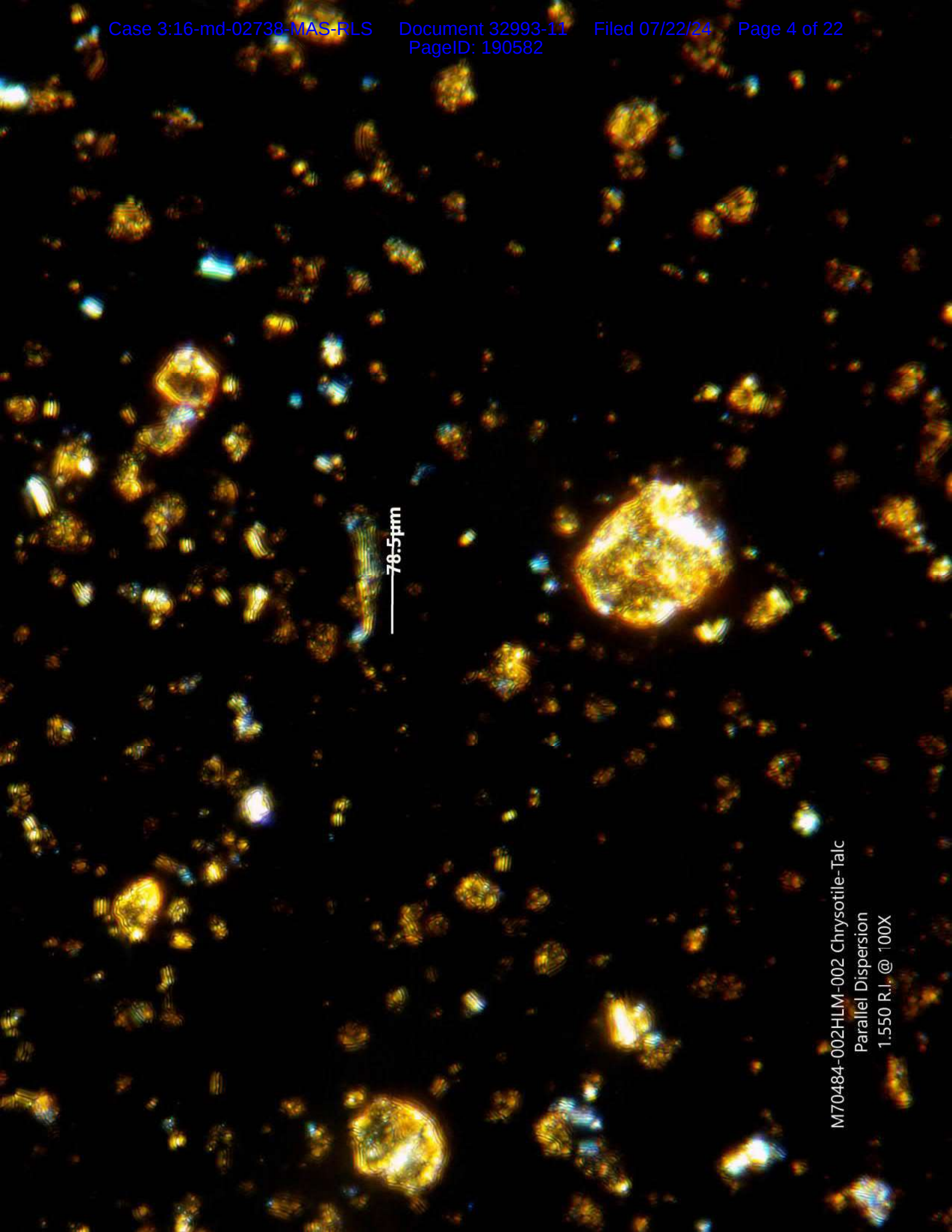
M70484-002HLM-001 Chrysotile-Talc
Elongation @ 400X



M70484-002HLM-001 Chrysotile-Talc
Crossed Polars

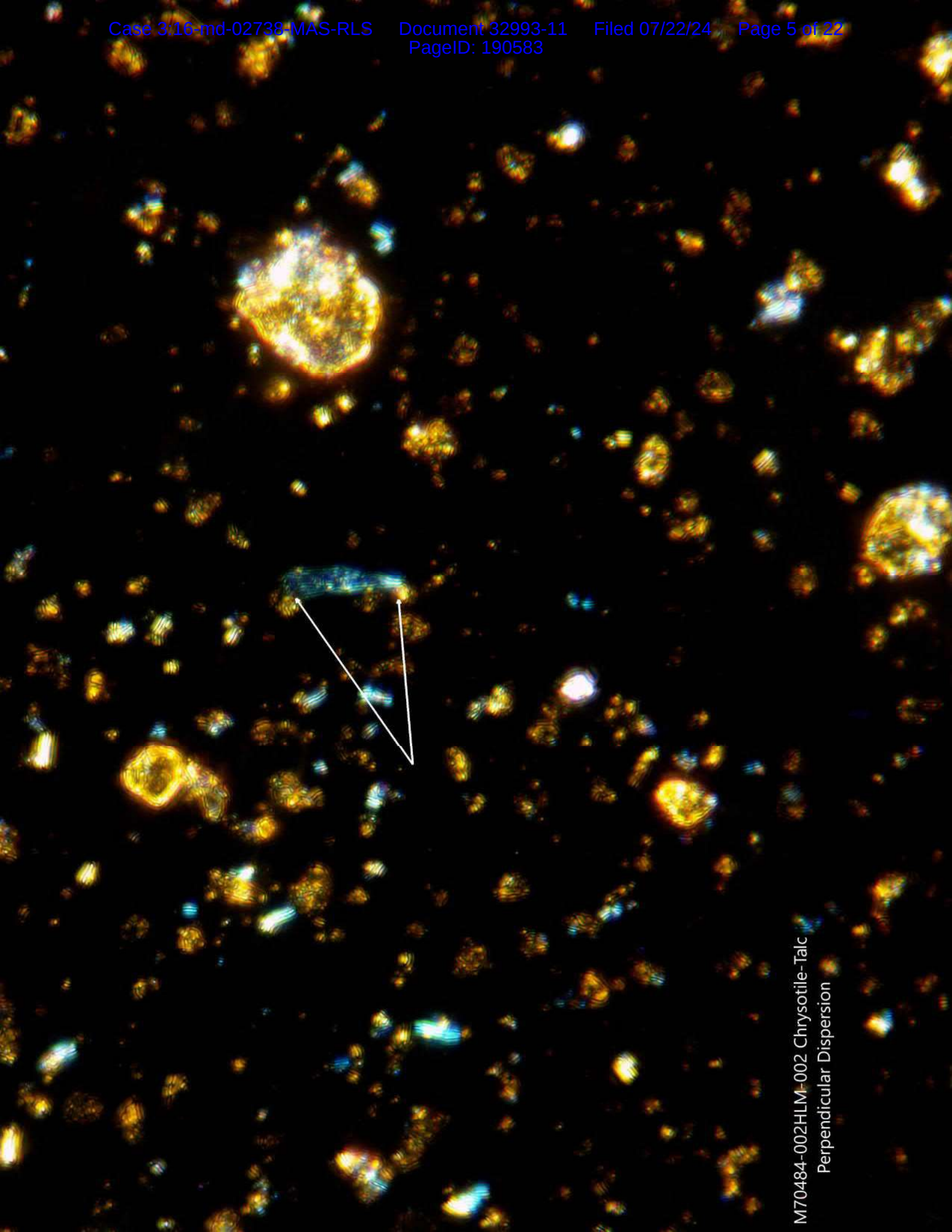
M70484-C02HLM-001 Chrysotile-Talc
Polarizer out
Aperture Diaphragm 95% closed
1.550 R.I. @ 400X



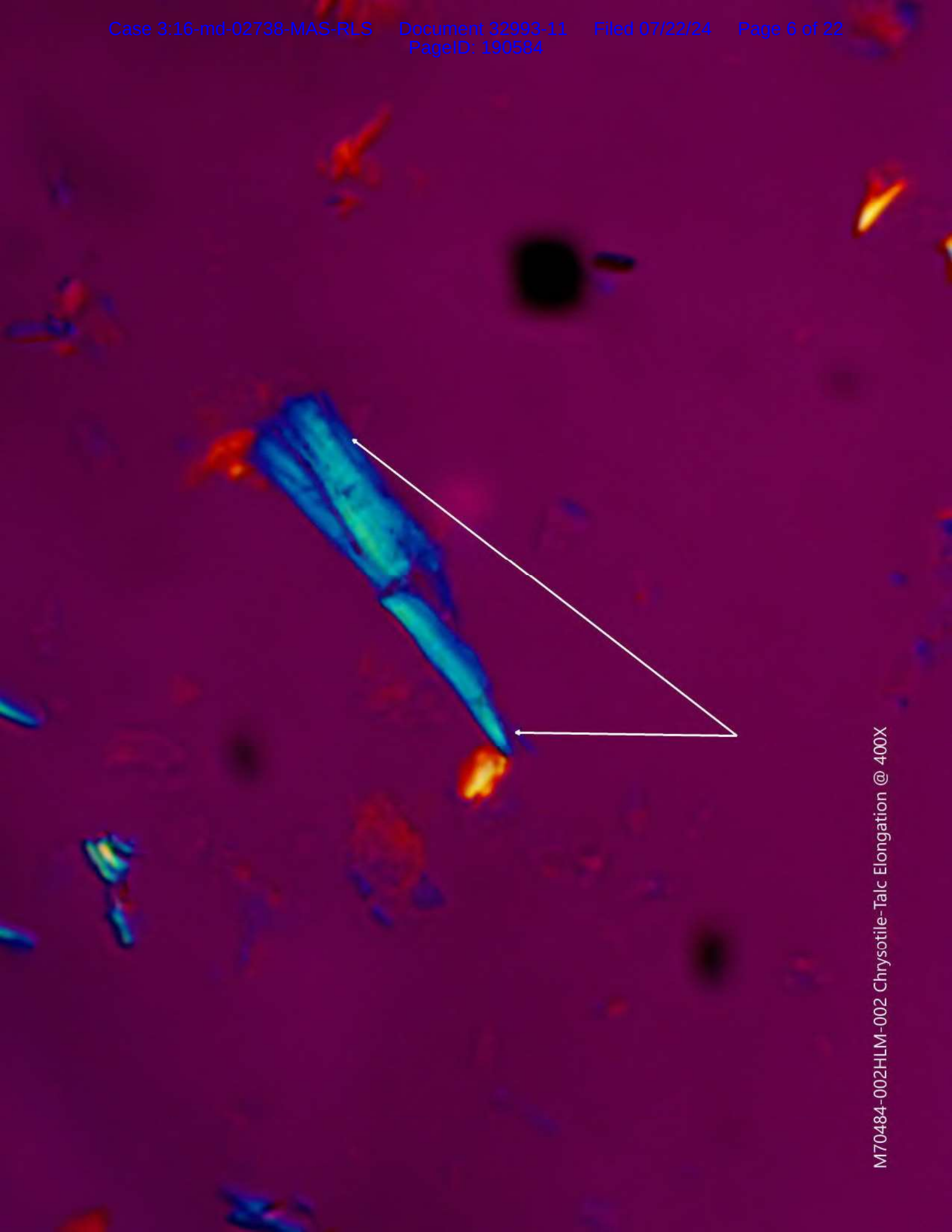


78.5µm

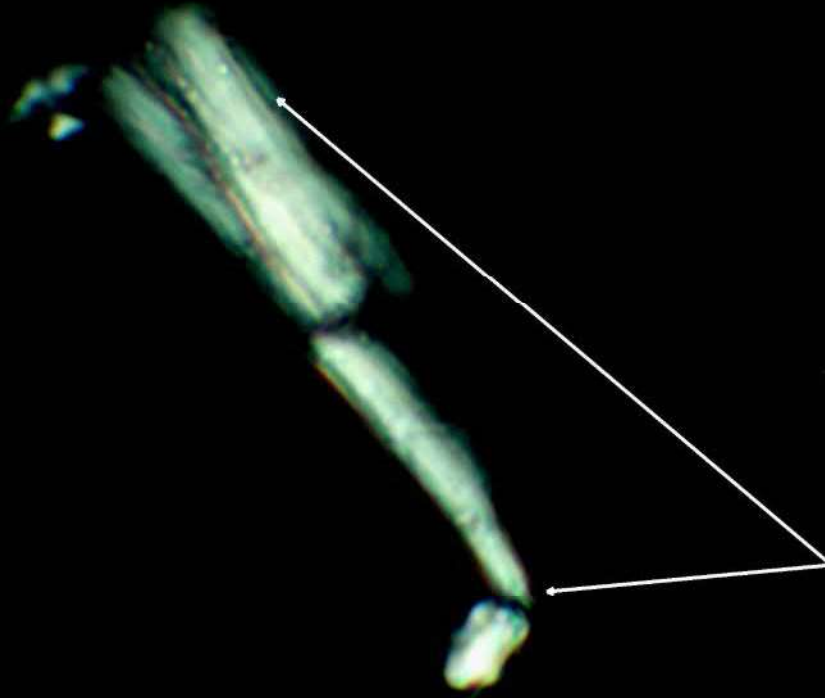
M70484-002HLM-002 Chrysotile-Talc
Parallel Dispersion
1.550 R.I. @ 100X



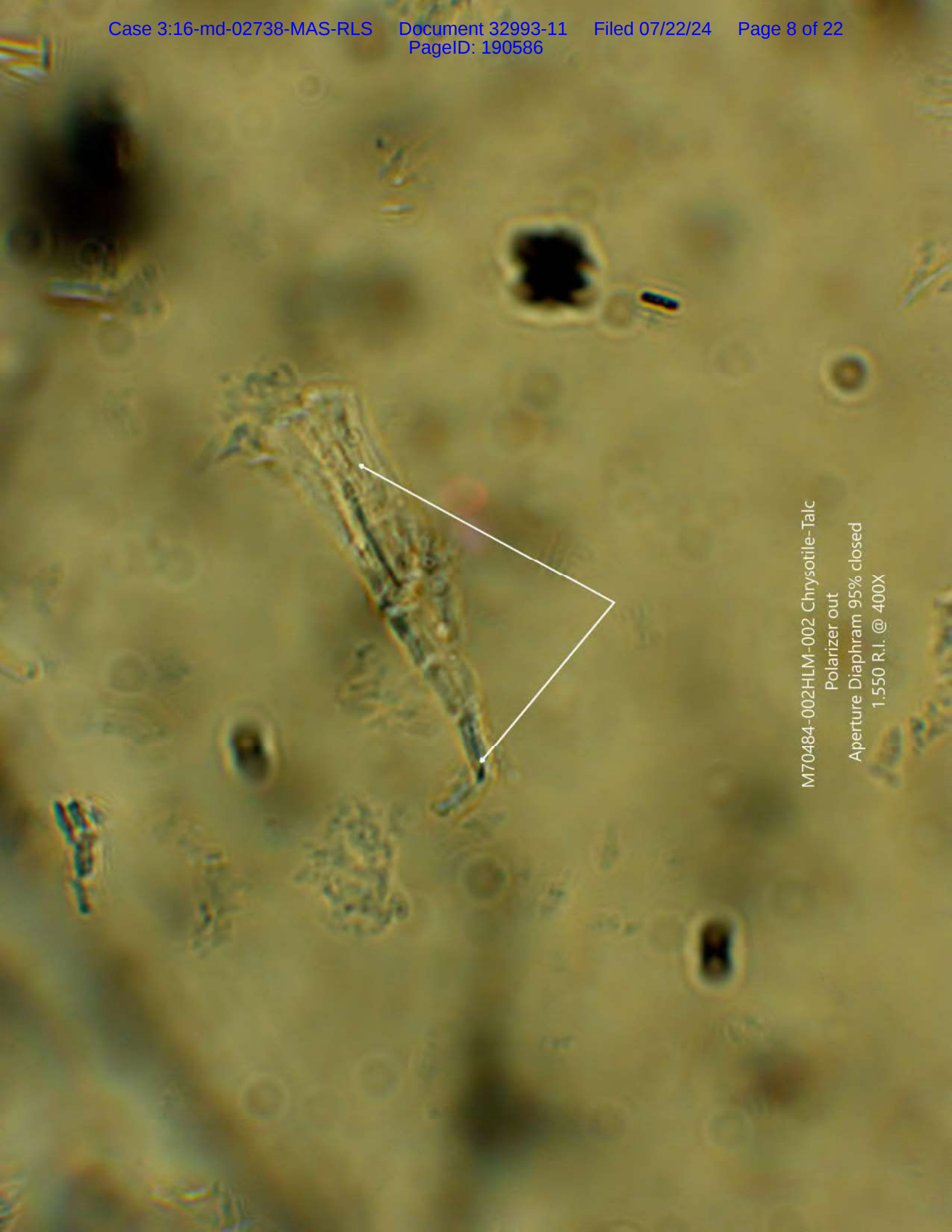
M70484-002HLM-002 Chrysotile-Talc
Perpendicular Dispersion



M70484-002HLM-002 Chrysotile-Talc Elongation @ 400X



M70484-002HLM-002 Chrysotile-Talc
Crossed Polars

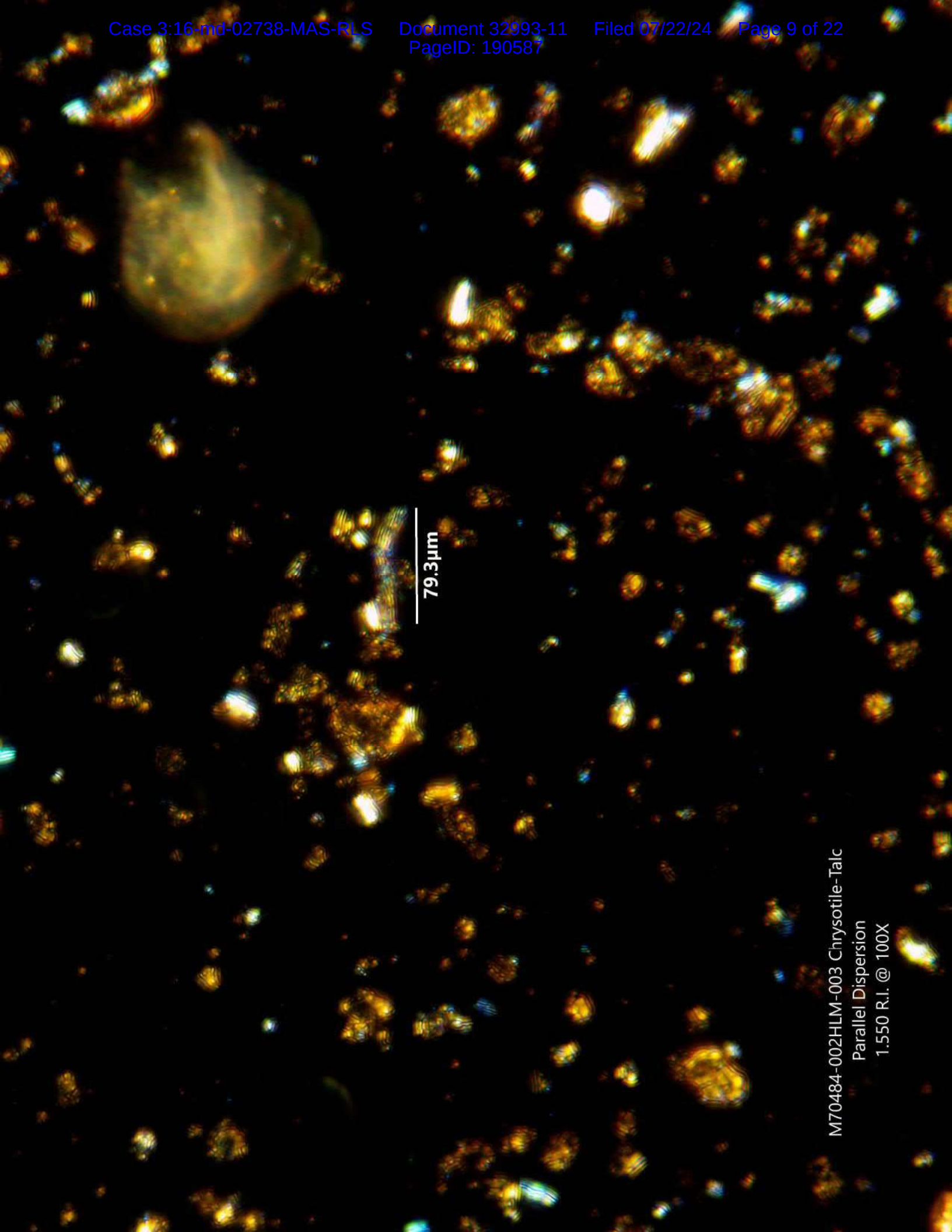


M70484-002HLM-002 Chrysotile-Talc

Polarizer out

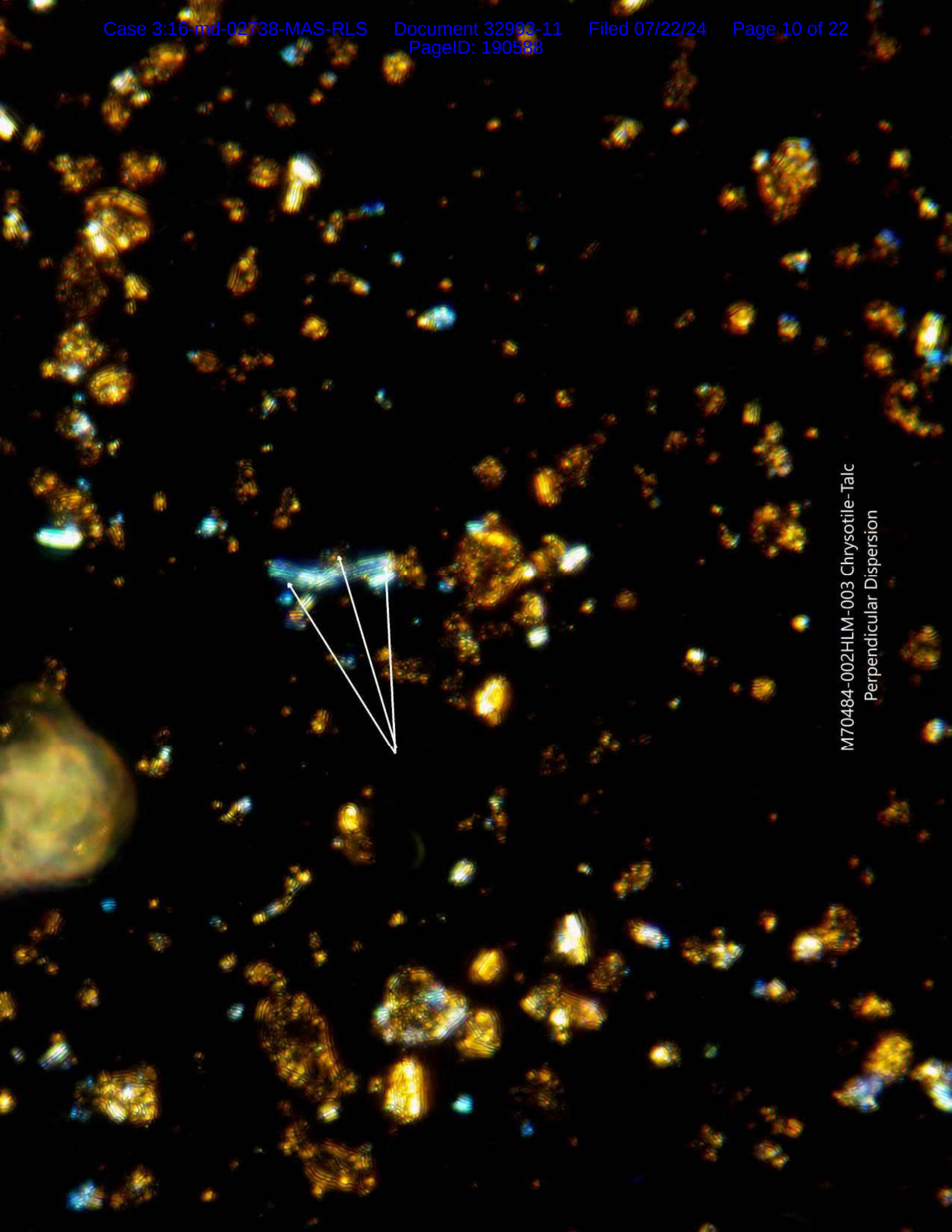
Aperture Diaphragm 95% closed

1.550 R.I. @ 400X

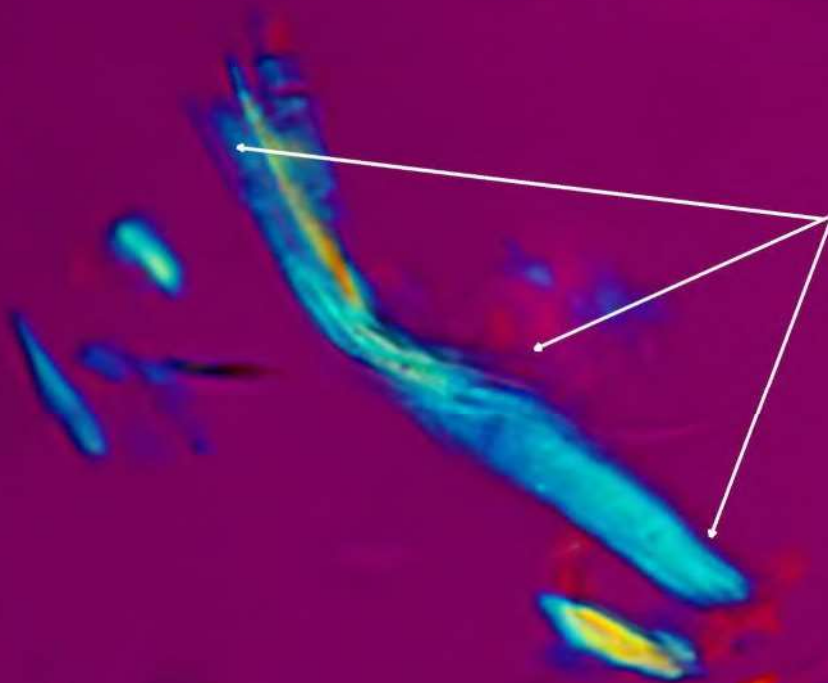


79.3 μm

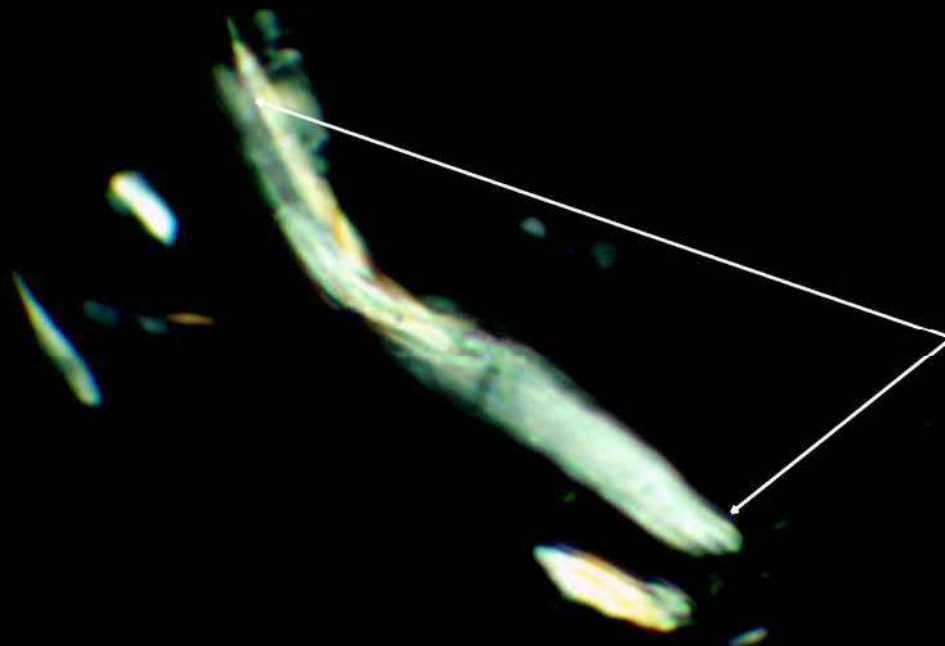
M70484-002HLM-003 Chrysotile-Talc
Parallel Dispersion
1.550 R.I. @ 100X



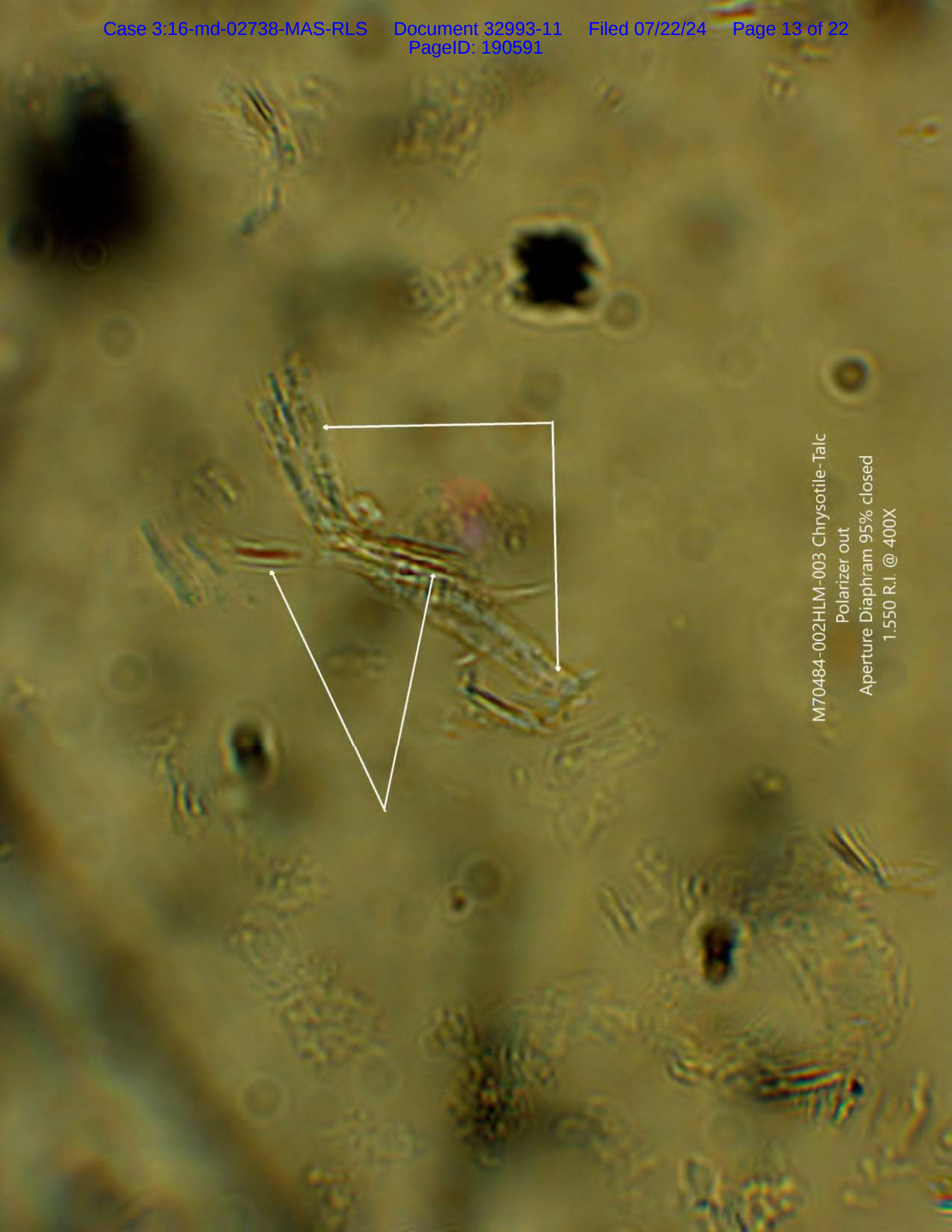
M70484-002HLM-003 Chrysotile-Talc
Perpendicular Dispersion



M70484-002HLM-003 Chrysotile-Talc
Elongation @ 400X



M70484-002HLM-003 Chrysotile-Talc
Crossed Polars



M70484-002HLM-003 Chrysotile-Talc

Polarizer out

Aperture Diaphragm 95% closed

1.550 R.I. @ 400X

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-002		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/29/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03048			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D3-A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	I1							
NSD	I2							
NSD	I3							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-002		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/29/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03048			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D4-B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-002		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/29/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	0.03048			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
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Org. Sample Wt.	Sample Wt. Post HL Separation	
0.03048	0.03048	g
Percent of Orig. Post Separation	100	(%)

Wt. Of Sample Analyzed	0.00016710	g
Filter size	201.1	mm ²
Number of Structures Counted	0	Str.
Structures per Gram of Sample	<5,980	Str./g

Detection Limit	5.98E+03	Str./g
Analytical Sensitivity	5.98E+03	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-002		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	7/29/2019		G. O. in microns =	105	105	105
Initial Weight(g)	0.03048			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
NSD	D3-A2					No fibrous talc observed	

Section 5

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-000		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/23/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	N/A			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	1%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A5-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-000		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/23/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	N/A			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	1%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	B5-B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-000		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G. O. Area
Date of Analysis	7/23/2019		G. O. in microns =	105	105	11025
Initial Weight(g)	N/A			105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	1%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
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Org. Sample Wt.	Sample Wt.
N/A	N/A
Percent of Orig. Post Separation	Post HL Separation
N/A	N/A

Wt. Of Sample Analyzed	N/A	g
Filter size	201.1	mm ²
Number of Structures Counted	0	Str.
Structures per Gram of Sample	N/A	Str./g

Detection Limit	N/A	Str./g
Analytical Sensitivity	N/A	Str./g

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M70484-000		Grid Box #	8668	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	7/23/2019		G. O. in microns =	105	105	105
Initial Weight(g)	N/A			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	1%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
NSD	A5-A1					No fibrous talc observed	